

CLAIMS:

1. A method of developing a computer software system, comprising the steps of:
defining a first interface between a proposed view sub-system and a proposed
5 business logic sub-system;
defining a second interface between a proposed handler sub-system and the proposed
business logic sub-system;
creating the proposed view sub-system in accord with the first interface; and
creating the proposed handler sub-system in accord with the second interface.

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- 15 2. The method according to claim 1, further comprising the steps of:
defining a third interface between the proposed view sub-system and the proposed
handler sub-system; and
creating the proposed view sub-system in accord with both the first and third
interfaces.

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- 20 3. The method according to claim 1, further comprising the steps of:
defining a fourth interface between the proposed view sub-system and the proposed
handler sub-system; and
creating the proposed handler sub-system in accord with both the second and the
fourth interfaces.

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- 25 4. The method according to claim 1, further comprising the steps of:
defining a third interface between the proposed view sub-system and the proposed
handler sub-system;
defining a fourth interface between the proposed view sub-system and the proposed
30 handler sub-system;

creating the proposed view sub-system in accord with both the first and third interfaces; and

creating the handler sub-system in accord with both the second and the fourth interfaces.

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5. The method according to claim 1, wherein:

the first interface defines a plurality of methods for data storage and retrieval that are implemented in the business logic sub-system.

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6. The method according to claim 1, wherein:

the second interface defines a plurality of methods of business logic that are implemented in the business logic sub-system.

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7. The method according to claim 2, wherein:

the third interface is a listener interface that defines a plurality of methods in the handler sub-system which respond to actions in the view sub-system.

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8. The method according to claim 3, wherein:

the fourth interface defines a plurality of methods which are implemented in the view sub-system for use by the handler sub-system.

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9. The method according to claim 1, wherein:

the view sub-system includes a plurality of user interface objects;

the handler sub-system includes a plurality of use case control objects; and

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the business logic sub-system includes a plurality of business logic objects.

10. The method according claim 1, wherein:

the sub-systems are created substantially independently of each other once the interfaces have been defined.

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11. A computer software system comprising:

a view sub-system including presentation objects which provide a user interface;
a business logic sub-system including use case objects which hold business data and implement business functions;

a handler sub-system including controller objects which control actions of the view sub-system and actions of the business logic sub-system;

a data interface through which the view sub-system obtains business data for the presentation objects; and

a business interface through which the handler sub-system invokes business functions.

12. The system according to claim 11, further comprising:

20 a listener interface through which the handler sub-system responds to events in the user interface.

12. The system according to claim 11, further comprising:

25 a view action interface through which the handler sub-system invokes actions in the user interface.

13. A computer program comprising:

30 at least one view object including presentation objects which provide a user interface;

at least one business logic object holding business data and implementing business functions;

at least one handler object which controls actions of at least one of the view objects and actions of at least one of the business logic objects;

5 a data interface through which the at least one view object obtains business data for the presentation objects; and

a business interface through which the at least one handler object invokes business functions.

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14. The computer program according to claim 13, further comprising:

a listener interface through which the handler object responds to events in the user interface.

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15. The computer program according to claim 13, further comprising:

a view action interface through which the handler object invokes actions in the user interface.